

“Sustainable Weather, Climate, Oceans and Water Services for a Resilient Pacific”

Fourth Meeting of the Pacific Meteorological Council (PMC-4) Working Papers

14-18 August 2017
Honiara
Solomon Islands

Agenda Item 12.2.1: Compliance with ICAO Annex 3.

Purpose:

This paper is presented to raise awareness of the international standards for aeronautical meteorological service, and in particular issues concerning compliance or non-compliance with ICAO Annex 3, including a review of air navigation deficiencies in the field of meteorological information or services. The paper also highlights some of the fundamental provisions in Annex 3 including those concerning the role of the designated meteorological authority, quality management of meteorological information and competency of aeronautical meteorological personnel.

Background:

In the five attached Appendices, the paper provides an overview of ICAO standards in general and Annex 3 — *Meteorological Service for International Air Navigation*, discussion on standards, their amendment process and compliance issues, a status report on deficiencies with respect to the implementation of aeronautical meteorological service in the Asia/Pacific Region and references to the fundamental ICAO standards concerning designation of meteorological authority, quality management of meteorological information and competency of aeronautical meteorological personnel:

- ICAO standards and Annex 3 — *Meteorological Service for International Air Navigation* are discussed at **Annex 1**;
- Development and amendment of, and compliance with the standards are discussed at **Annex 2**;
- ICAO APANPIRG air navigation deficiencies are discussed at **Annex 3**;
- ICAO APANPIRG Reporting Form on Air Navigation Deficiencies in the MET field in the ASIA/PACIFIC Region is presented at **Annex 4**; and
- ICAO Annex 3 provisions concerning meteorological authority, quality management of meteorological information and competency of aeronautical meteorological personnel are highlighted at **Annex 5**.

Update:

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Recommendations:

1. The Meeting is invited to:
 - **Note** the purpose of ICAO SARPs (including those in Annex 3 — *Meteorological Service for International Air Navigation*) for harmonized global aviation safety and efficiency in the air and on the ground, the worldwide standardization of functional and performance requirements of air navigation facilities and services, and the orderly development of air transport;
 - **Note** that compliance with the Standards in ICAO Annex 3 is recognized as necessary for the safety or regularity of international air navigation and that, in the event of impossibility of compliance, notification to the ICAO Council is compulsory under Article 38 of the Convention;
 - **Note** that compliance with the Recommended Practices in ICAO Annex 3 is recognized as desirable in the interest of safety, regularity or efficiency of international air navigation and that States are invited to notify the ICAO Council of non-compliance;
 - **Note** the definition of and procedure for resolution of ICAO APANIRG air navigation deficiencies – especially in the field of aeronautical meteorology – and the importance of close coordination between PMC and ICAO in order to effectively facilitate the resolution of deficiencies in the PICTs; and
 - **Note** the importance of fundamental ICAO Annex 3 SARPs concerning the designation and role of the meteorological authority, implementation of quality management of meteorological information and establishment of competency of aeronautical meteorological personnel.

Attachments

- Annex 1 – ICAO standards and Annex 3
- Annex 2 – Development and amendment of, and compliance with the standards
- Annex 3 – APANPIRG air navigation deficiencies
- Annex 4 – Reporting Form on Air Navigation Deficiencies in the MET field
- Annex 5 – Meteorological authority, quality management and competency

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